

<b>INFORMATION DISCLOSURE STATEMENT</b> March 7, 2011	Docket: 098888-1820	Ser. No.: 10/764,430
	Applicant: Rhoads	
	Filed: 1/23/04	Group: 2624

US Patent Documents				
Ex'r Initial	Number	Date	Inventor	Class
/BK/	5113445	5/12/92	Wang	
	5115326	5/19/92	Burgess et al.	
	5284364	2/8/94	Jain	
	5315098	5/24/94	Tow	
	5329108	7/12/94	Lamoure	
	5385371	1/31/95	Izawa	
	5436970	7/25/95	Ray et al.	
	5444779	8/22/95	Daniele	
	5471533	11/28/95	Wang et al.	
	5495581	2/27/96	Tsaai	
	5505494	4/9/96	Belluci et al.	
	5613004	3/18/97	Cooperman et al.	
	5636292	6/3/97	Rhoads	
	5640193	6/17/97	Wellner	
	5646997	7/8/97	Barton	
	5721788	2/24/98	Powell et al.	
	5727092	3/10/98	Sandford, II et al.	
	5761606	6/2/98	Wolzien	
	5765176	6/9/98	Bloomberg	
	5790703	8/4/98	Wang	
	5799092	8/25/98	Kristol et al.	
	5825892	10/20/98	Braudaway et al.	
	5838458	11/17/98	Tsai	
	5841886	11/24/98	Rhoads	
	5848413	12/8/98	Wolff	
	5859920	1/12/99	Daly et al.	
	5862260	1/19/99	Rhoads	
	5919730	7/6/99	Gaspar et al.	
	5930369	7/19/99	Cox et al.	
	5932863	8/3/99	Rathus et al.	
	5933798	8/3/99	Linnartz	
	5933829	8/3/99	Durst et al.	
	5949055	9/7/99	Fleet et al.	
	5974548	10/26/99	Adams	
	5978773	11/2/99	Hudetz et al.	
/BK/	5982956	11/9/99	Lahmi	

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/BK/	6064764	5/4/00	Bhaskaran et al.	
	6081827	6/27/00	Reber et al.	
	6164534	12/26/00	Rathus et al.	
	6226387	5/1/01	Tewfik et al.	
	6282300	8/28/01	Bloom et al.	
	6311214	10/30/01	Rhoads	
	6314457	11/6/2001	Schena, et al.	
	6389151	5/14/02	Carr et al.	
	6463416	10/8/02	Messina	
	6359985	3/19/02	Koch et al.	
	6384744	5/7/2002	Philyaw, et al.	
	6427140	7/30/2002	Ginter, et al.	
	6434561	8/13/2002	Durst, et al.	
	6487301	11/2002	Zhao	
	6505160	1/7/03	Levy et al.	
	6512837	1/28/03	Ahmed	
	6516079	2/4/03	Rhoads et al.	
	6522771	2/18/03	Rhoads	
	6526449	2/25/2003	Philyaw, et al.	
	6542933	4/1/2003	Durst, et al.	
	6563937	5/13/03	Wendt	
	6574350	6/3/03	Rhoads et al.	
	6577746	6/10/03	Evans et al.	
	6580808	6/17/03	Rhoads	
	6647130	11/11/03	Rhoads	
	6671388	12/30/03	Op De Beeck et al.	
	6674886	1/6/04	Davis et al.	
	6754377	6/22/04	Rhoads	
	6681028	1/20/04	Rodriguez et al.	
	6856977	2/15/05	Adlesbach et al.	
	6917724	7/12/05	Seder et al.	
	6941275	9/6/05	Swierczek	
	6970573	11/29/05	Carr et al.	
	6975744	12/13/95	Sharma et al.	
	7013021	3/14/06	Sharma et al.	
	7016516	3/21/06	Rhoads	
	7043052	5/9/06	Rhoads	
	7058697	6/6/06	Rhoads	
/BK/	7116781	10/3/06	Rhoads	

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/BK/	7171018	1/30/07	Rhoads et al.	
/BK/	7738658	6/15/10	Brundage et al.	

## Foreign Patent Documents

Ex'r Initial	Number	Date	Applicant	Class
/BK/	DE 2943436	5/7/1981	Szepanski (with English Translation)	
/BK/	EP 1209897	5/29/2002	Xerox Corporation	
/BK/	WO 02/27618	4/4/2002	The Escher Group, Ltd.	
/BK/	JP 08-050598	2/20/1996	Canon Inc (English Abstract)	

## Other References

Ex'r Initial	Cite
/BK/	Arai et al., "Retrieving Electronic Documents with Real-World Objects on InteractiveDESK," UIST '95, Nov. 14, 1995, pp. 37-38.
	Arai, InteractiveDESK: A Computer-Augmented Desk Which Responds to Operations on Real Objects, CHI 95, May 7, 1995, pp. 141-142.
	Aust, D., "Augmenting Paper Documents with Digital Information in a Mobile Environment," MS Thesis, University of Dortmund, Department of Computer Graphics, Sep. 3, 1996, 46 pages.
	Bender et al., "Techniques for Data Hiding," Proc. SPIE, Vol. 2420, February 9, 1995, pp. 164-173.
	Chen, et al., "Symmetric Phase-Only Matched Filtering of Fourier-Mellin Transforms for Image Registration and Recognition," IEEE Trans. On Pattern Analysis and Machine Intelligence, vol. 16, No. 12, Dec. 1994, pp. 1156-1168.
	"Distributing Uniform Resource Locators as Bar Code Images," IBM Technical Disclosure Bulletin, No. 39, No. 1, pp. 167-168, 96A 60059, published Jan. 1, 1996.
	Koch et al., "Copyright Protection for Multimedia Data," Proc. Of the Int. Conf. On Digital Media and Electronic Publishing, Leeds, U.K., Dec. 1994, 15 pages.
	Kutter, "Watermarking resisting to translation, rotation, and scaling," Proc. SPIE vol. 3528: Multimedia Systems and Applications, Nov. 1998, pp. 423-431.
	Ó Ruanaidh, "Rotation, Scale and Translation Invariant Digital Image Watermarking," Proceedings of the International Conference of Image Processing, Vol. 1, Signal Processing, pp. 536-539, 1997.
	Ó Ruanaidh, "Rotation, Scale and Translation Invariant Spread Spectrum digital Image watermarking," Signal Processing 66, pp. 303-317, 1998.
	Pereira et al., "Template Based Recovery of Fourier-Based Watermarks Using Log-Polar and Log-log Maps," Proc. IEEE Int. Conf. on Multimedia Computing and Systems, vol. 1, Jun. 1999, pp. 870-874.
	Sheng, "Experiments on Pattern Recognition Using Invariant Fourier-Mellin Descriptors," Journal of Optical Society of America, vol. 3, No. 6, pp. 771-776, 1986.
	Szepanski, "A Signal Theoretic Method For Creating Forgery-Proof Documents For Automatic Verification", 1979 Carnahan Conference on Crime Countermeasures, University of Kentucky, Lexington, Kentucky, May 16-18, 1979, 10 pages.
/BK/	Tian, "Wavelet-Based Image Compression and Content Authentication," SPIE, Vol. 4551, October 22, 2001, pp. 11-20.

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/BK/	Wold et al, Content-Based Classification, Search, and Retrieval of Audio, IEEE Multimedia Magazine, Fall, 1996, pp. 27-36.
↓	Worring, "Hyperdocument Generation Using OCR and Icon Detection," Proc. 3d Int. Conf. on Doc. Analysis and Recognition, Aug. 14, 1995, 5 pages.
↓	Zhao, "A WWW Service to Embed and Prove Digital Copyright Watermarks," Proc. Of the European Conference on Multimedia Applications, Services and Techniques, Louvain-La-Neuve, Belgium, May 1996, 15 pages.
/BK/	Zhu et al., "Transparent Robust Authentication and Distortion Measurement Technique for Images," Proc. IEEE Digital Signal Processing Workshop, Sep. 1996, pp. 45-48.

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		<b>Application Number</b>	10/764,430
Date Submitted: March 7, 2011		<b>Filing Date</b>	1/23/2004
(use as many sheets as necessary)		<b>First Named Inventor</b>	Geoffrey B. Rhoads
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		<b>Examiner Name</b>	Bernard Krasnic
<b>Sheet</b>	5 of 5	<b>Attorney Docket Number</b>	098888-1820

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
/BK/		5710834	1/20/1998	Geoffrey B. Rhoads	
		5841978	11/24/1998	Geoffrey B. Rhoads	
		6286036	9/4/2001	Geoffrey B. Rhoads	
		6324573	11/27/2001	Geoffrey B. Rhoads	
		6408331	6/18/2002	Geoffrey B. Rhoads	
		6411725	6/25/2002	Geoffrey B. Rhoads	
		6590998	7/8/2003	Geoffrey B. Rhoads	
		7006661	2/28/2006	Marc D. Miller, et al.	
		7050603	5/23/2006	Tyler J. McKinley, et al.	
		7058697	6/6/2006	Geoffrey B. Rhoads	
		7436976	10/14/2008	Kenneth L. Levy, et al.	
		7437430	10/14/2008	Geoffrey B. Rhoads	
		7454035	11/18/2008	Marc D. Miller, et al.	
		7481136	12/2/2008	Geoffrey B. Rhoads	
		7577273	8/18/2009	Geoffrey B. Rhoads, et al.	
		7620253	11/17/2009	Marc D. Miller, et al.	
		7683965	4/6/2010	Geoffrey B. Rhoads	
		7805500	9/28/2010	Geoffrey B. Rhoads	
		2005-0249374	11/10/2005	Kenneth L. Levy	
		2009-0129627	5/21/2009	Kenneth L. Levy, et al.	
		2009-0172128	7/2/2009	Geoffrey B. Rhoads	
		2009-0262975	10/22/2009	Geoffrey B. Rhoads, et al.	
/BK/		2010-0067737	3/18/2010	Marc D. Miller, et al.	

## UNPUBLISHED U.S. PATENT APPLICATION DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Application Document	Filing Date of Cited Document MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Serial Number-Kind Code <sup>2</sup> (if known)			
/BK/		12/891597	9/27/2010	Geoffrey B. Rhoads	
/BK/		12/755160	4/6/2010	Geoffrey B. Rhoads	

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